DETAILED ACTION

Election/Restrictions

1. This application is in condition for allowance except for the presence of claim 29 directed to a wireless communication system non-elected without traverse. Accordingly, claim 29 has been cancelled.

Allowable Subject Matter

2. Claims 1, 2, 5-15, 21, and 26 are allowed.

3. The following is an examiner's statement of reasons for allowance:

The invention of the present application pertains to a network system that performs status control of a mobile terminal. The status control system provides control of a specific base station whose use is possible only by a terminal that is registered and allowed to use the specific base station. Furthermore the registered terminal is the only terminal allowed to use the specific base station and use of the specific base station by other terminals is prohibited.

The terminal status control system comprises a registration table which stores registration information for a terminal, a judging unit for judging whether the terminal is registered in the registration table, and a control unit for placing the terminal in a communicable or non-communicable status. The terminal is further constructed to transmit a location updating request when a location area identifier received from a base station has been changed due to inter-cell movement.

The terminal status system further comprises a base station control apparatus for giving unit for giving a specific base station a location area identifier that is different for all other adjacent cells for which the specific base station broadcasts. The base station control apparatus further includes a conversion unit, for converting a location area identifier of a location area into the location area identifier and transferring the identifier to the specific base station. The location area identifier is one of which the specific base station belongs, is contained in broadcast information, and is received from a location management apparatus for managing the location of each existing terminal in the location area. The novelty of the invention lies in the combination of the giving unit and conversion unit with all the other aspects of the invention. By converting a location area identifier of a location area to the location area identifier for the specific base station the specific base station is given a location area identifier that is unique to all the other adjacent cells of the location area that achieves the object of regulating use of the specific base station.

Accordingly, Applicant's claims are allowed for these reasons and for the reasons recited by the Applicant in the amendment filed on 3/1/2007.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

5. Rune (US 6,275,706) – Rune discloses a mobile network and method for identifying hierarchical and overlapping radio coverage areas including a combination of at least one location area and at least one routing area (abstract). In the scope of the invention a base station broadcasts a location area identifier associated with a location area and a routing area identifier associated with the routing area (column 5, lines 46-63). Rune teaches that for overlapping coverage and routing areas a combination identifier is formed that are shorter then the corresponding identifiers which shortens the string of bits of the identifier (column 6, lines 39-61 and figures 2-4). However, Rune does not explicitly teach the giving and converting of a location area identifier of the invention of the present application.

6. Aramaki et al. (US 7,099,694) – Aramaki discloses a base station and network identifier assignment method (title). Aramaki teaches the giving of a newly set base station a network ID (column 3, lines 26-33). However, Aramaki does not explicitly teach the giving and converting of a location area identifier of the invention of the present application.

7. Okamura et al. (US 2003/0114169) - Okamura discloses a method and system for detecting the position of a mobile station (title). In the scope of the invention, a MS positioning administration station comprises a conversion table for determining the relation between a base station identifier and an area identifier to find the position of the

MS (pages 6-7, paragraphs 95-96). However, Okamura does not explicitly teach the giving and converting of a location area identifier of the invention of the present application.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NAM HUYNH whose telephone number is (571)272-5970. The examiner can normally be reached on 8 a.m.-5 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Eng can be reached on 571-272-7495. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/George Eng/
Supervisory Patent Examiner, Art Unit 2617

NTH
3/26/08